

Express Mail Label No. EV 333134618US
Title: System and Method for Automatic
Generation of Visual Representations and
Links in a Hierarchical Messaging System
Inventor(s): John W. Barrus, et al.
Atty. Docket No.: 20412-08763

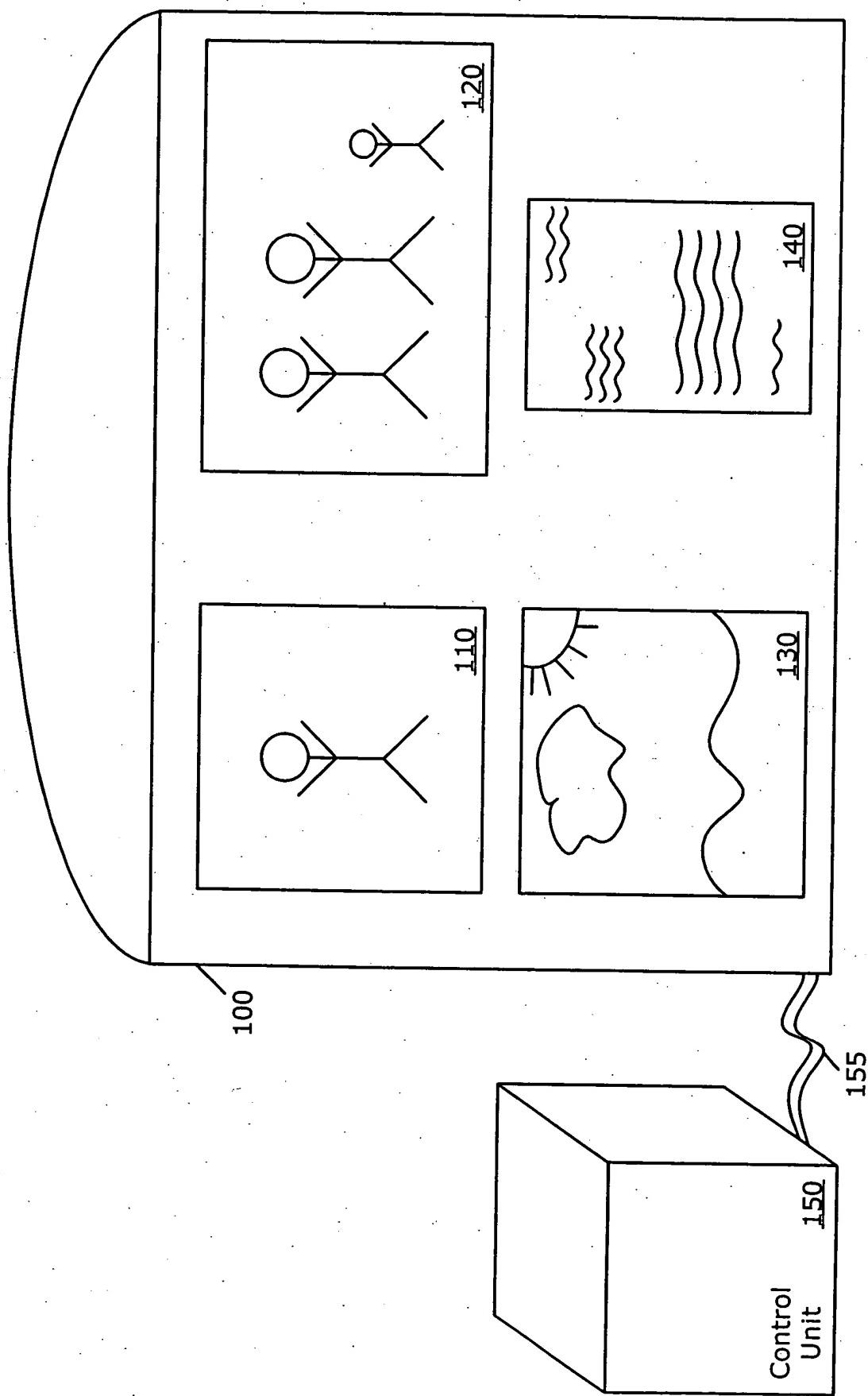


FIG. 1a

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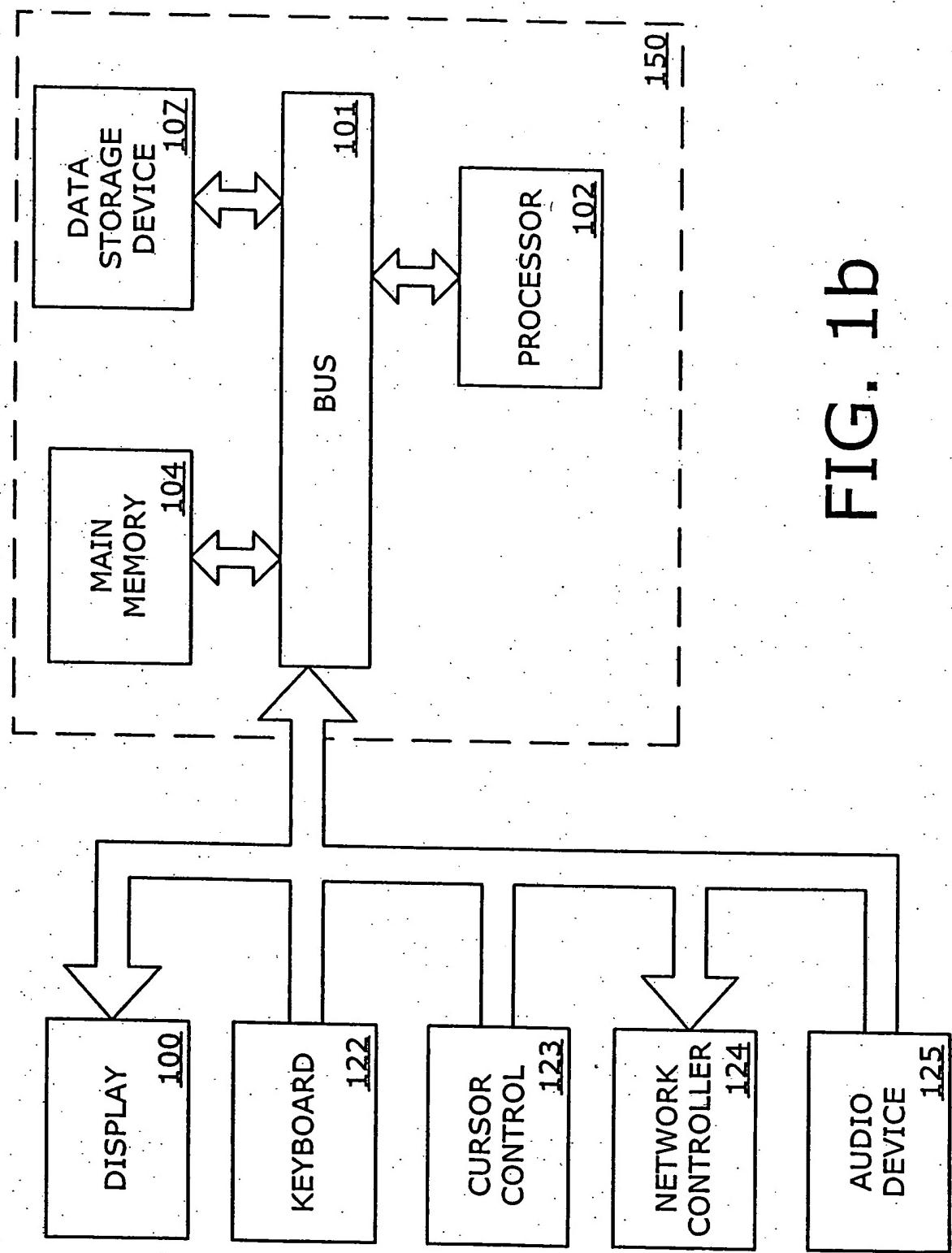


FIG. 1b

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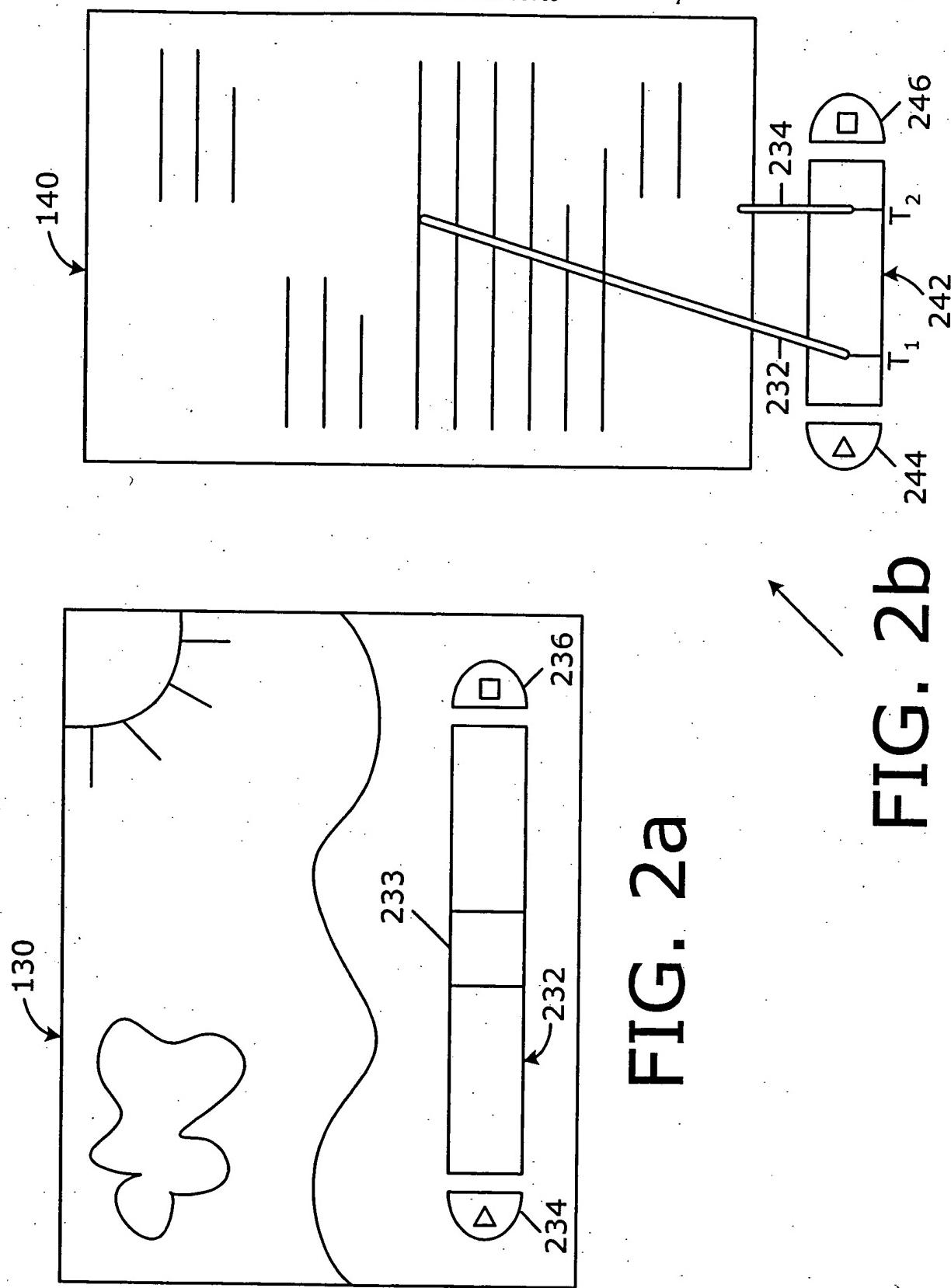


FIG. 2a

FIG. 2b

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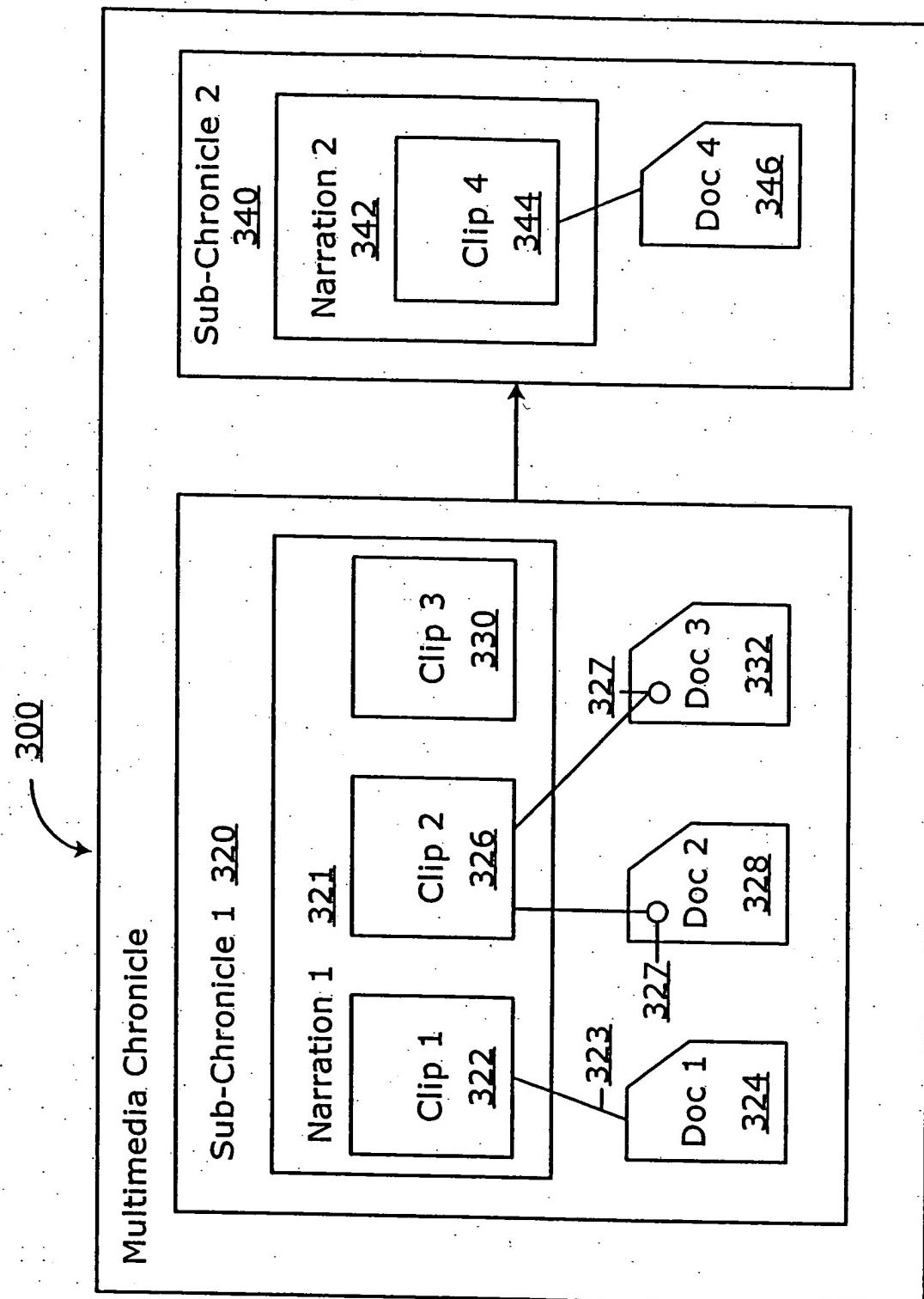


FIG. 3a

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FIG. 3b

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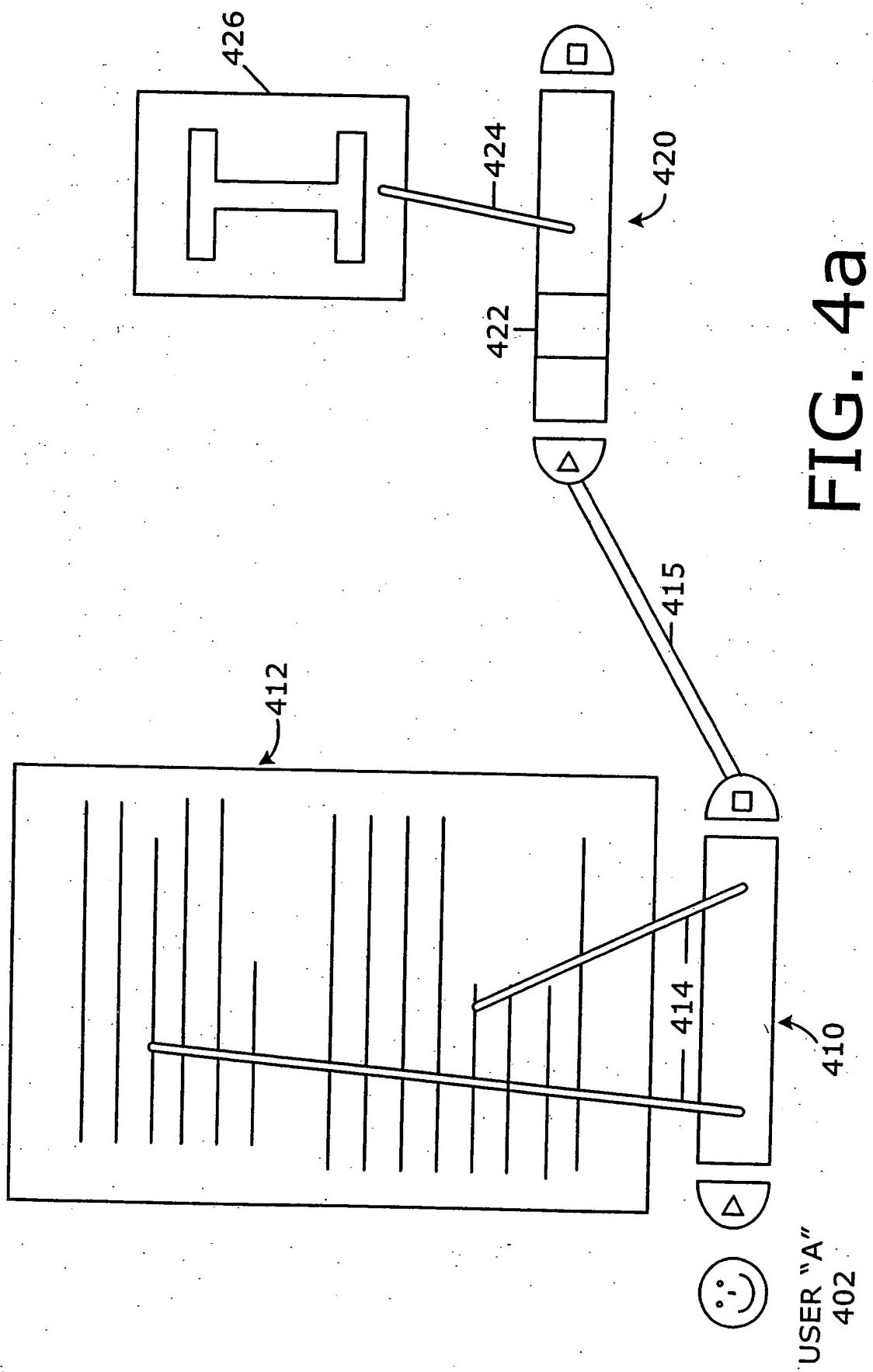


FIG. 4a

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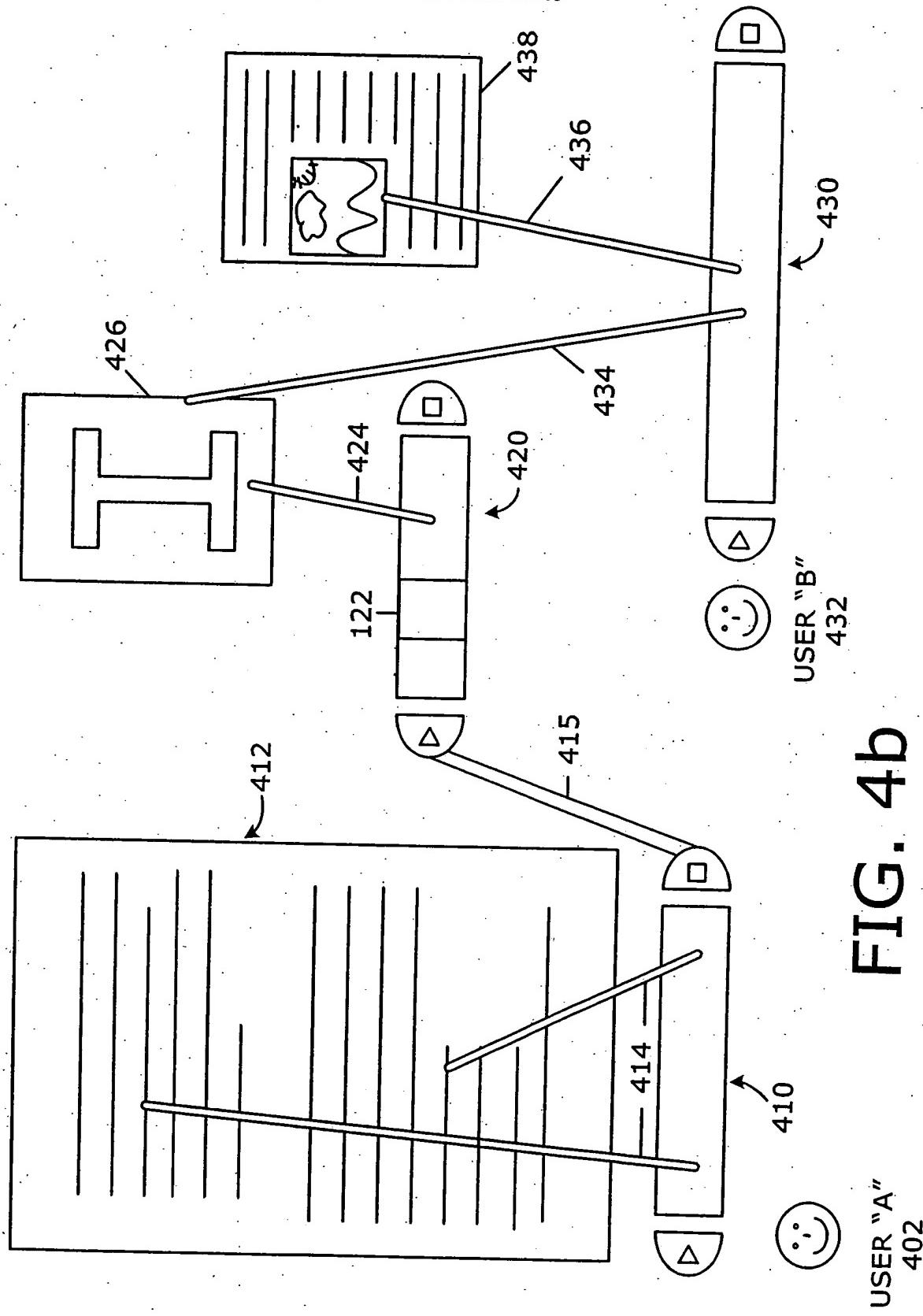


FIG. 4b

USER "A"
402



USER "B"
432



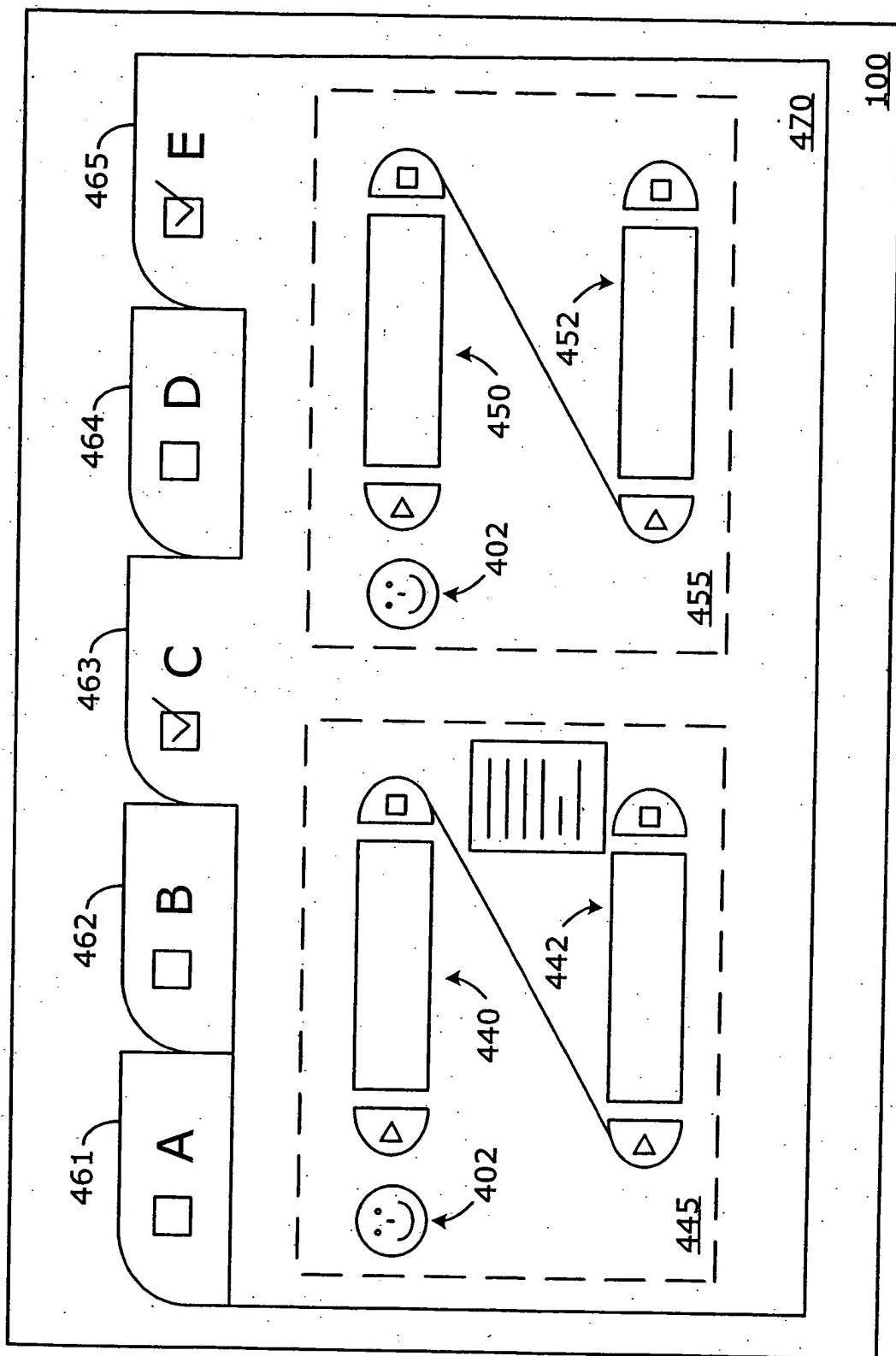


FIG. 4C

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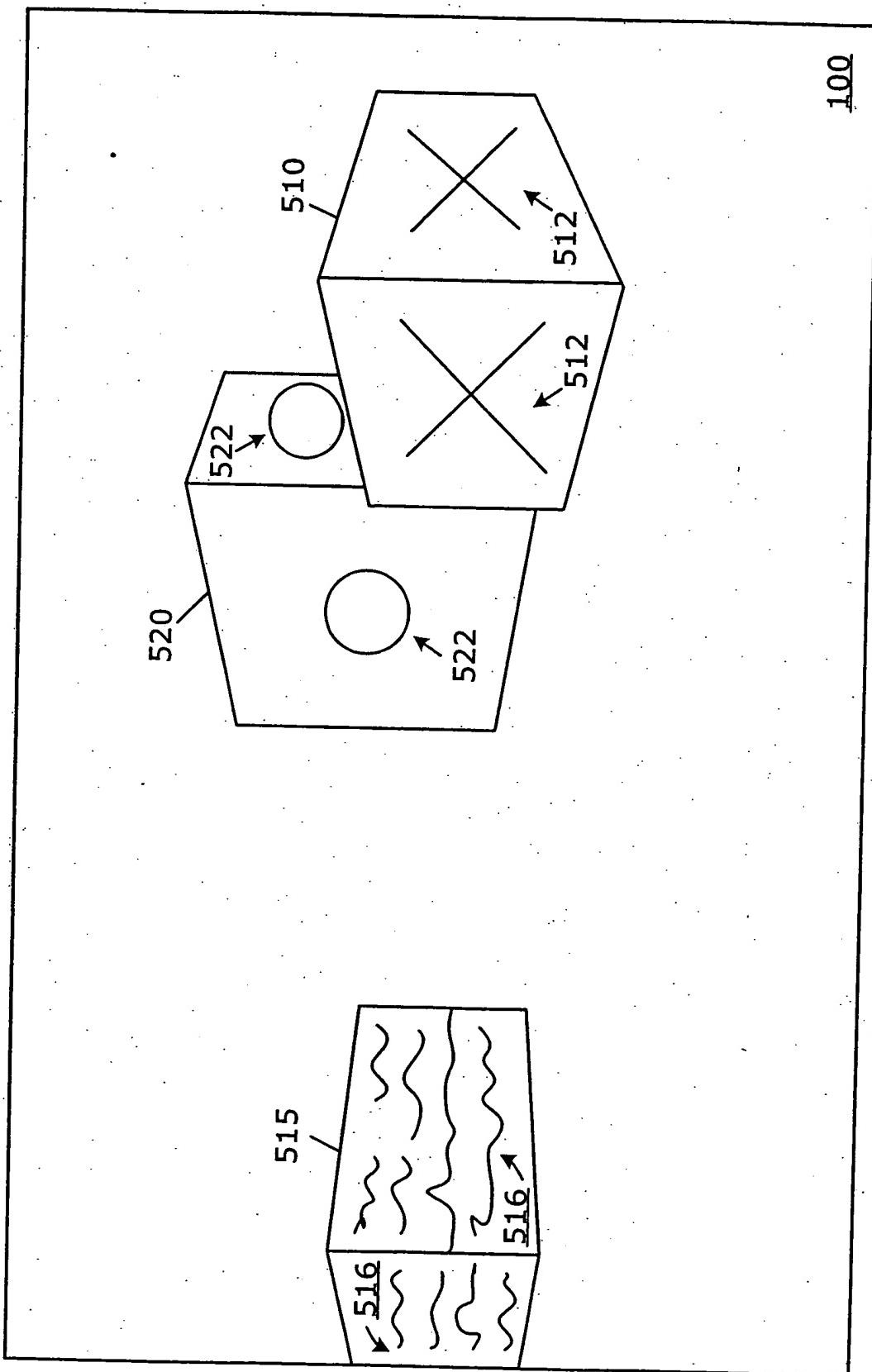


FIG. 5

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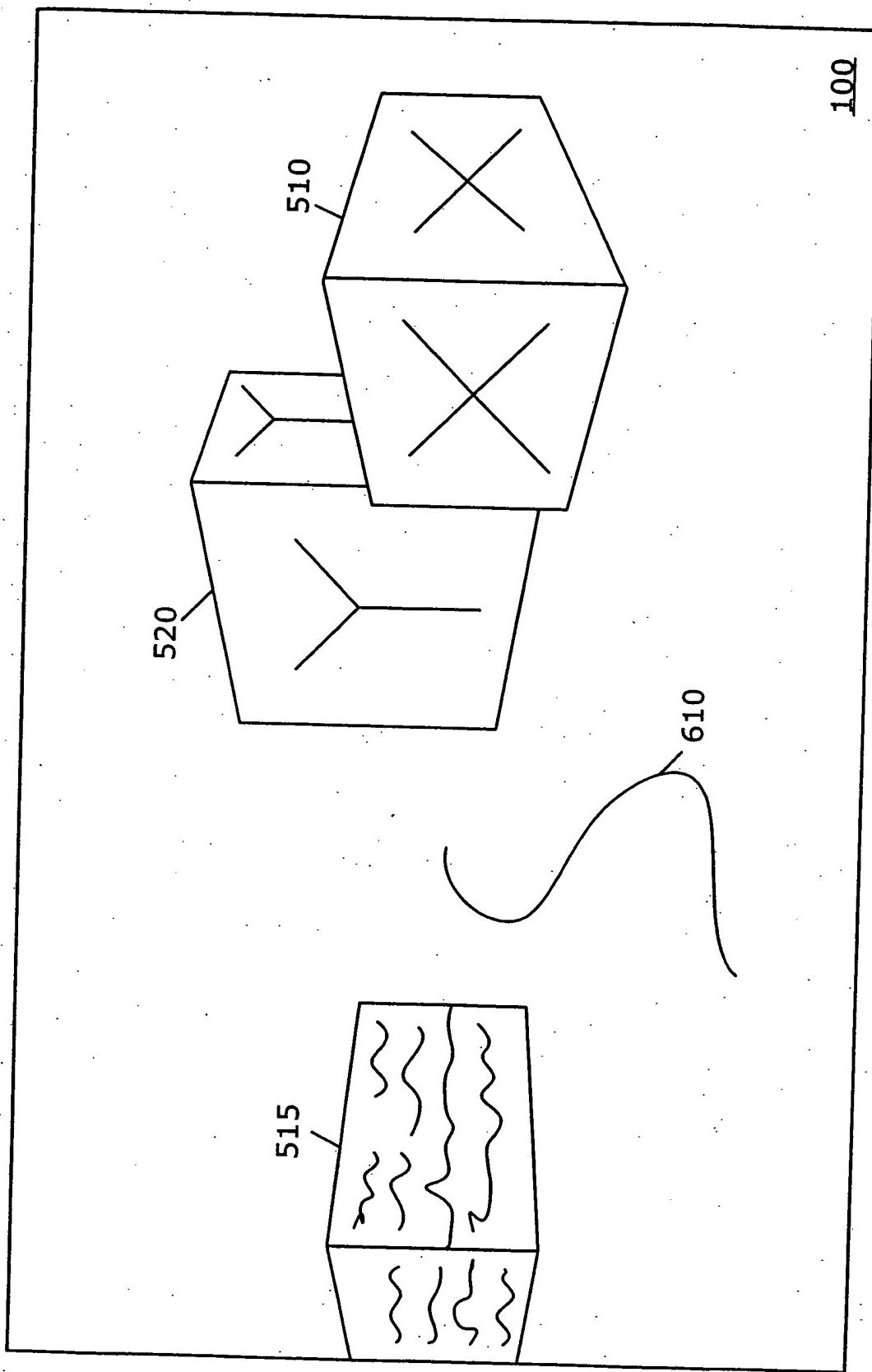


FIG. 6

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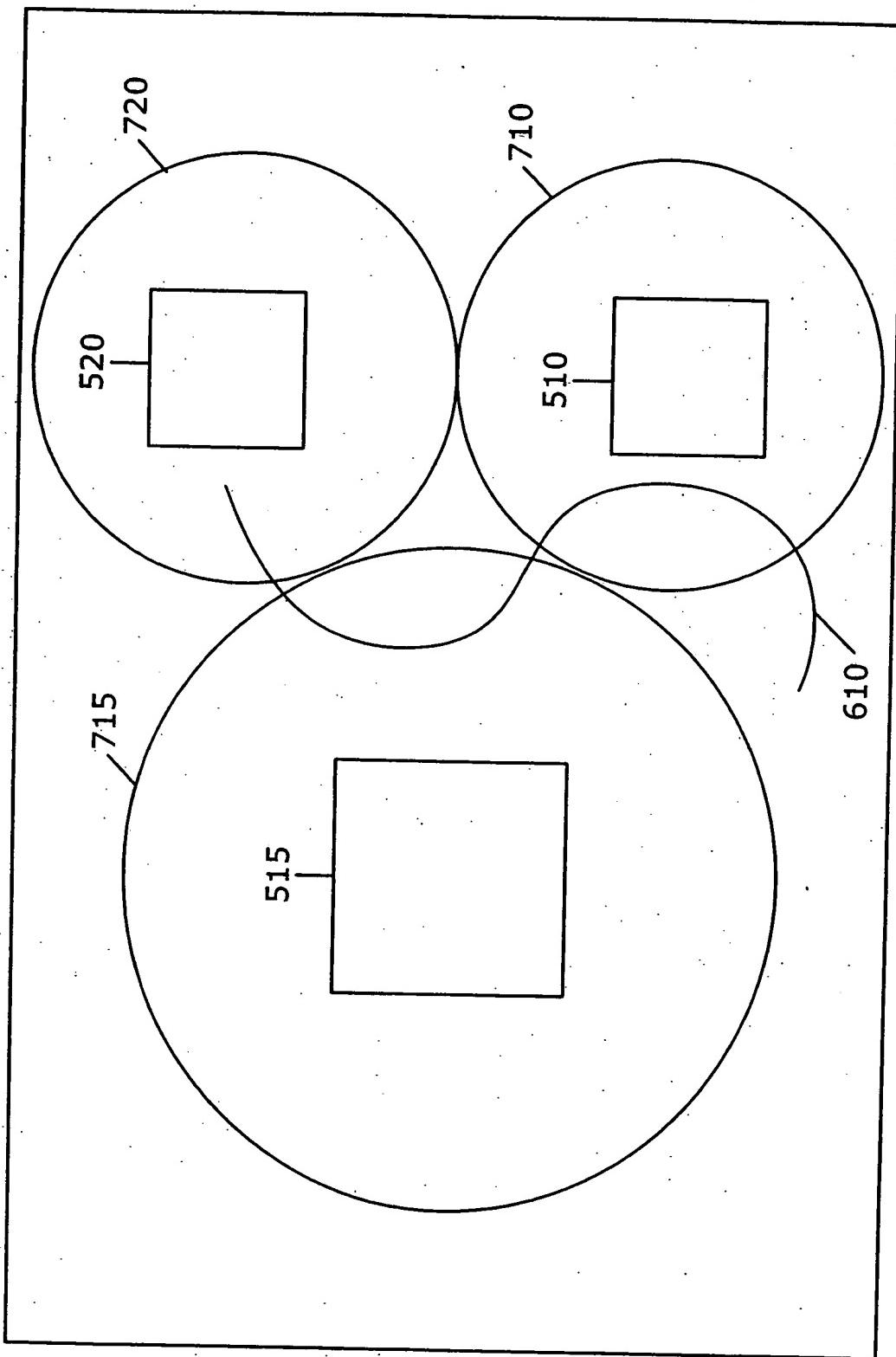


FIG. 7

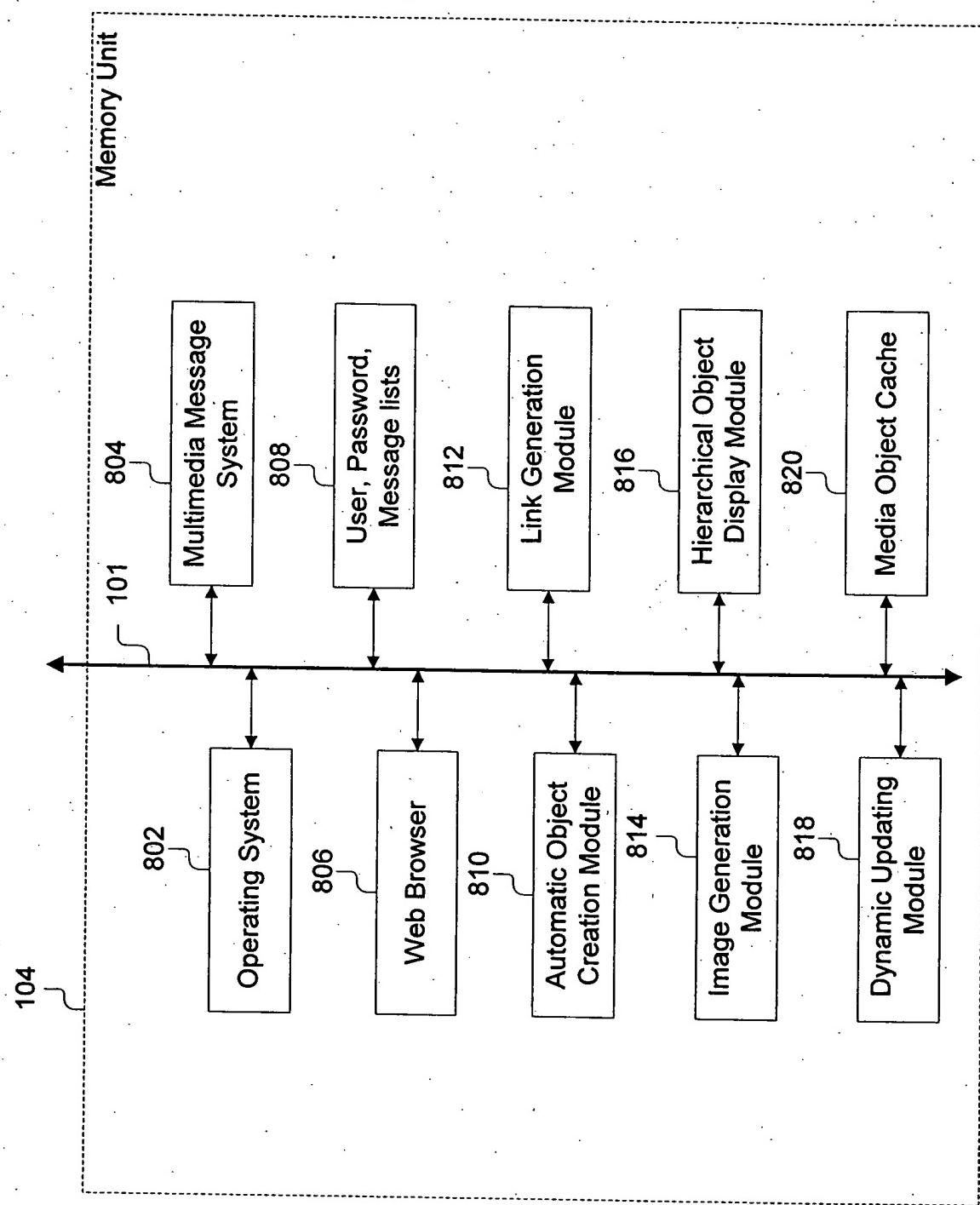


Figure 8

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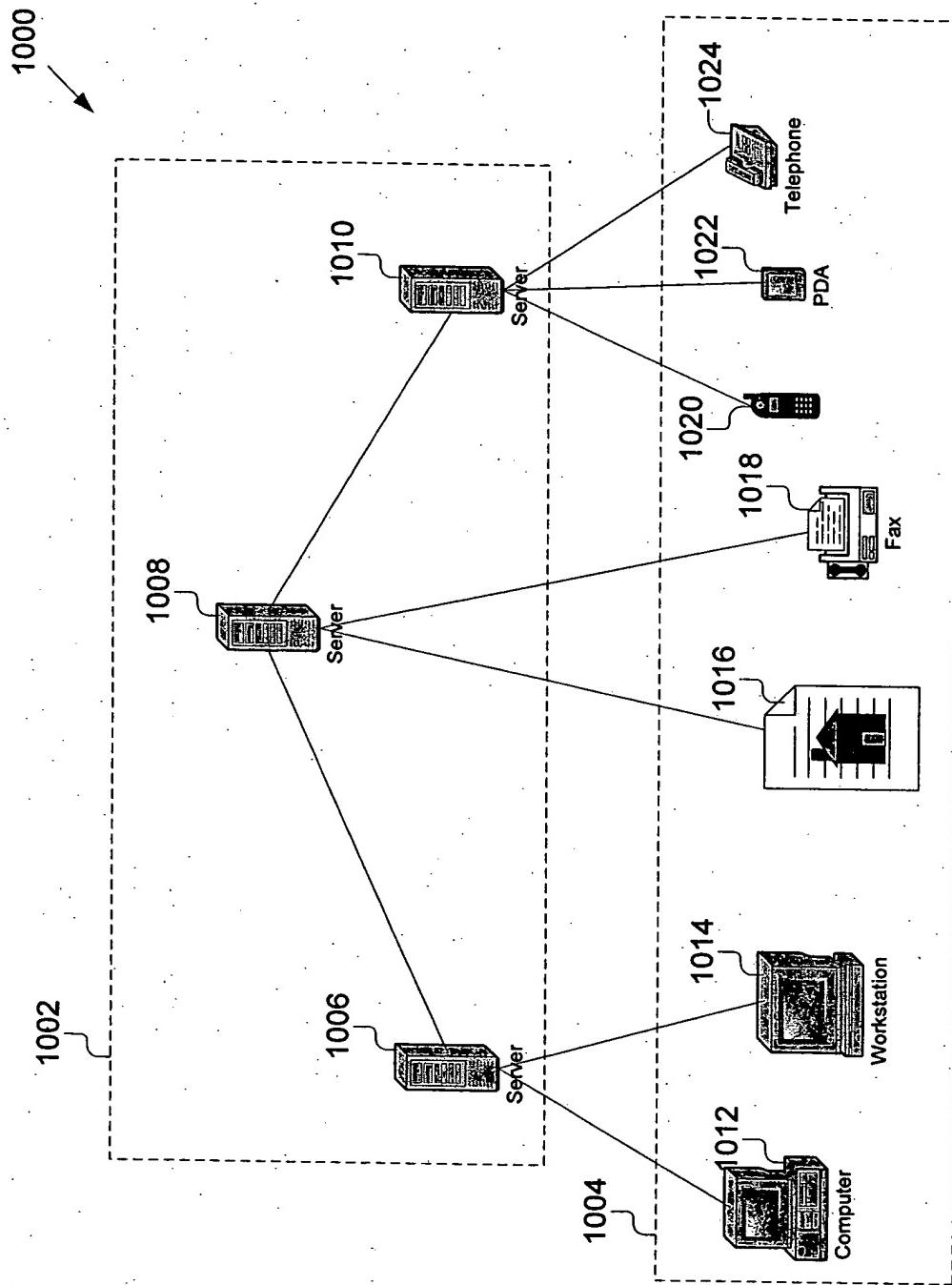


Figure 10

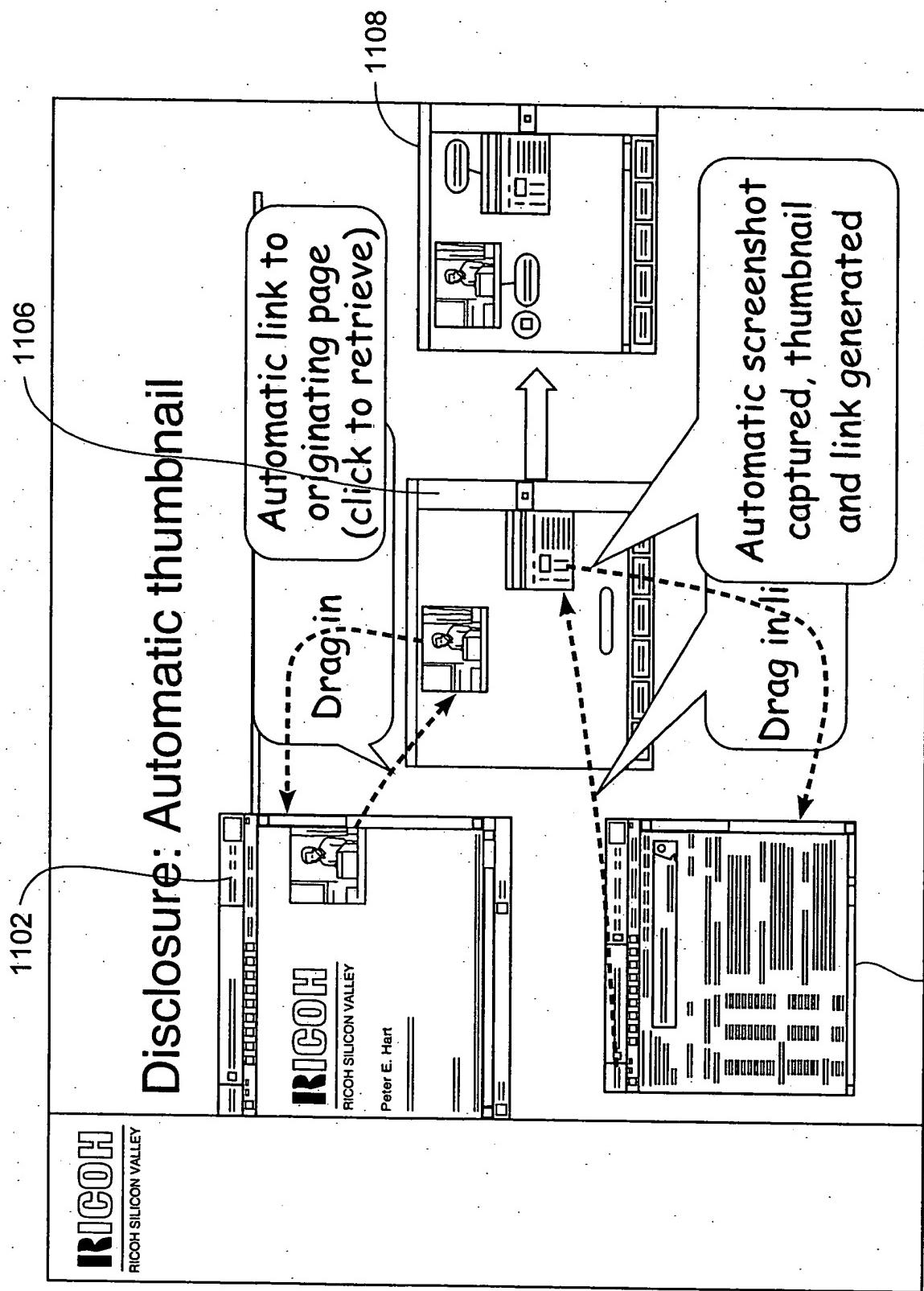


Figure 11
1104

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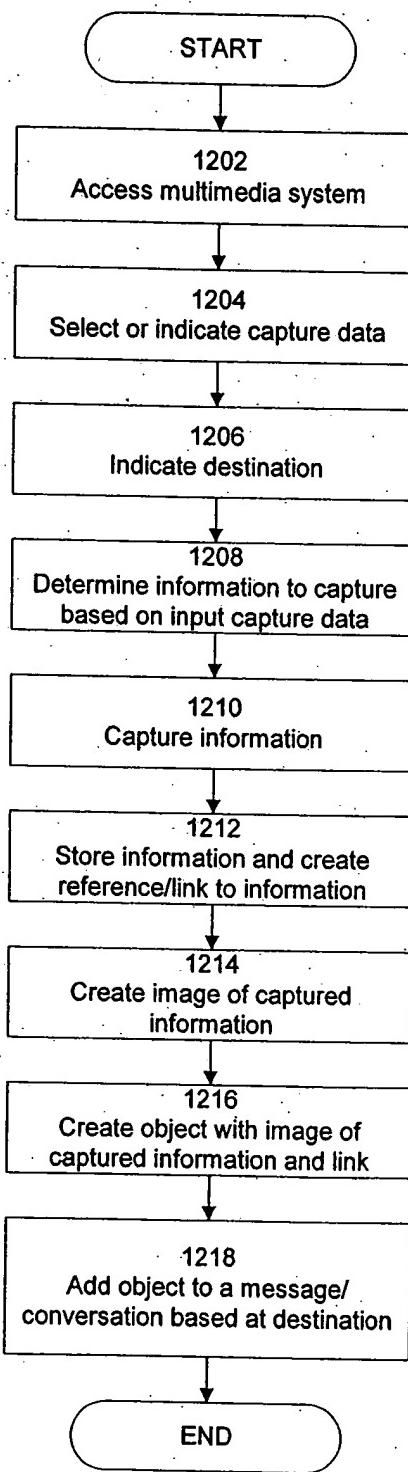


Figure 12

General method for automatic creation

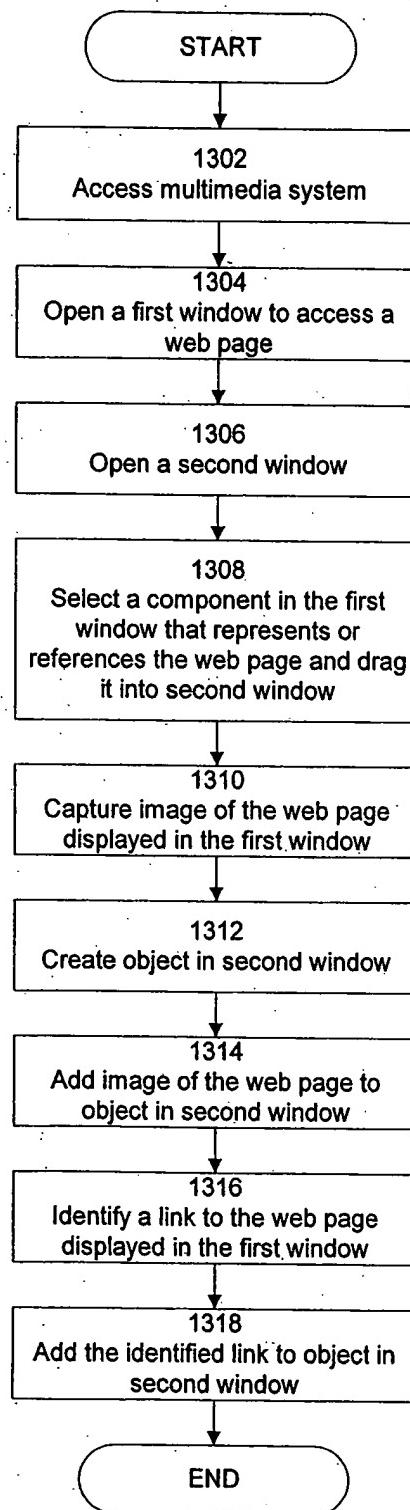


Figure 13

General method for automatic creation from a web page

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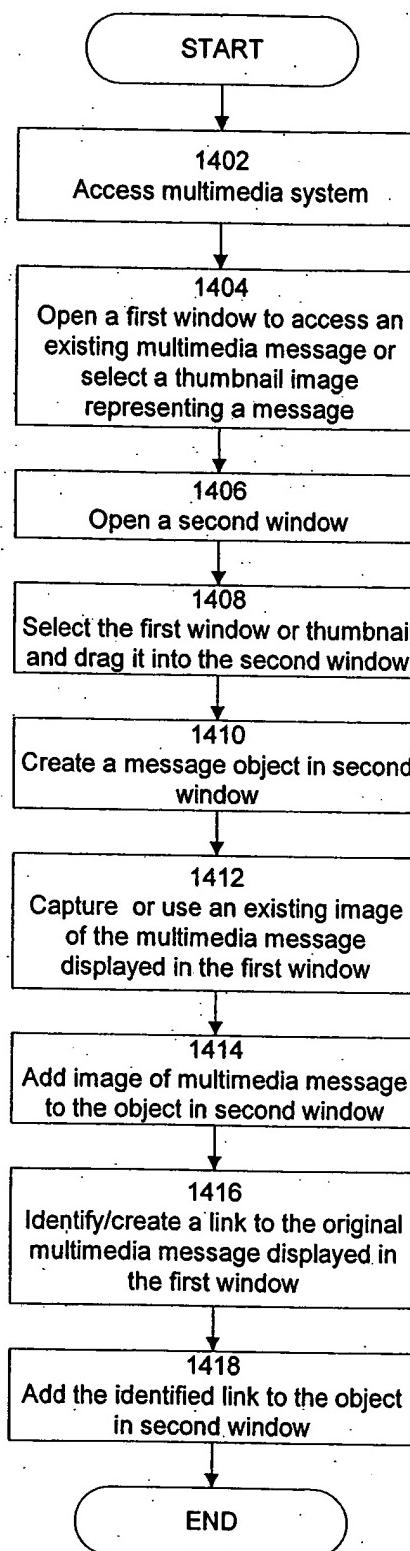


Figure 14

General method for automatic creation from a multimedia message

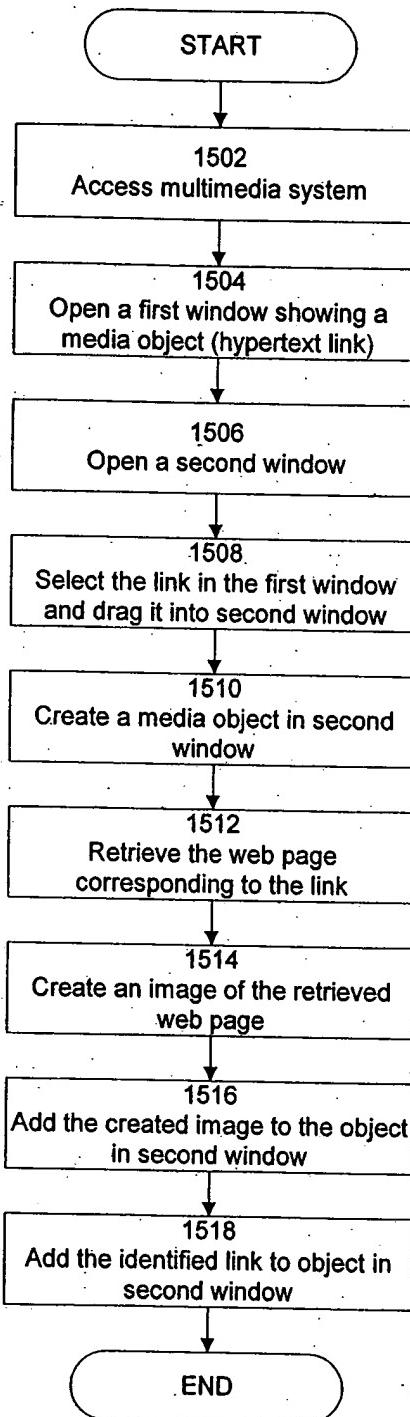


Figure 15

General method for automatic creation from a hypertext link

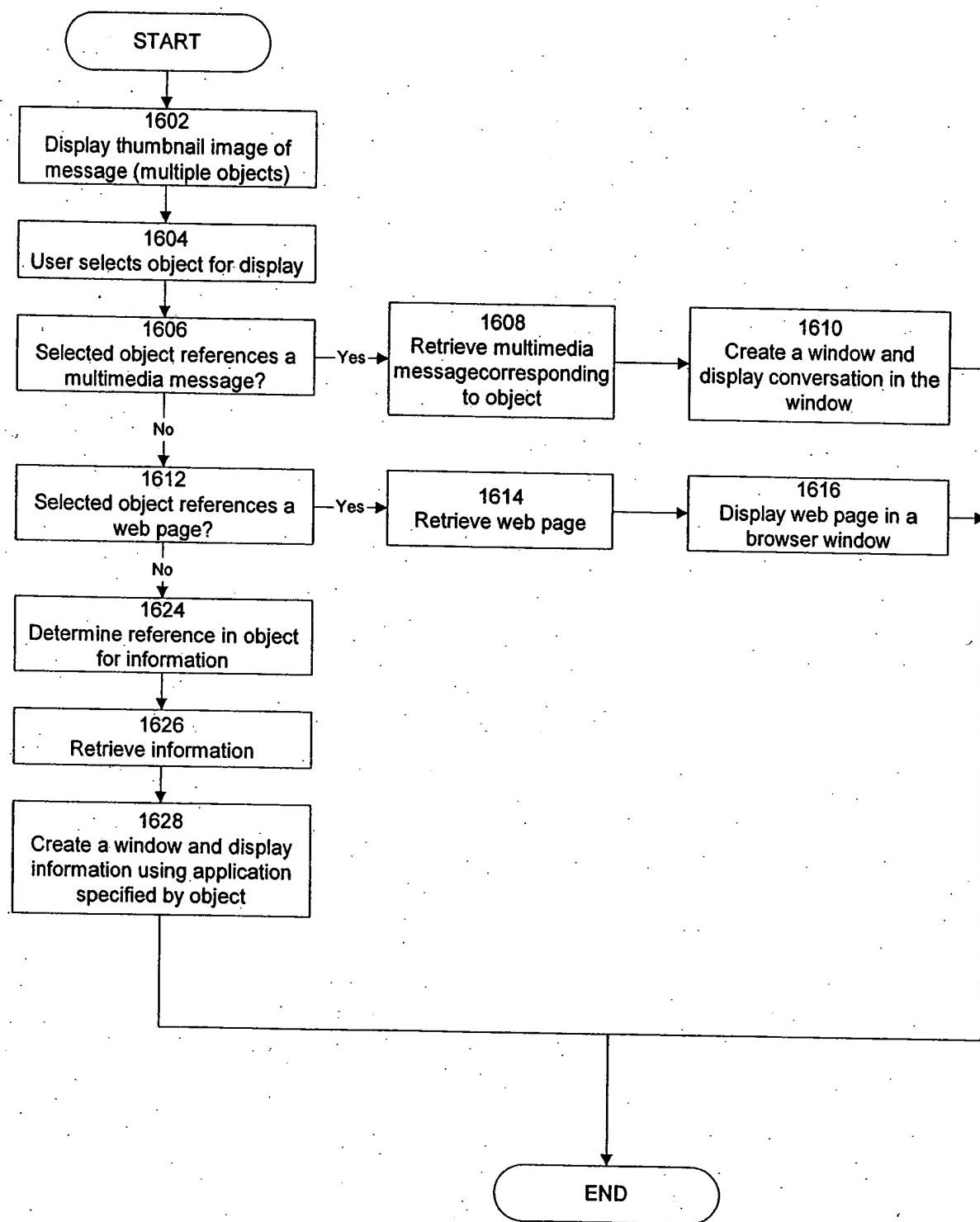


Figure 16

General method for viewing
messages

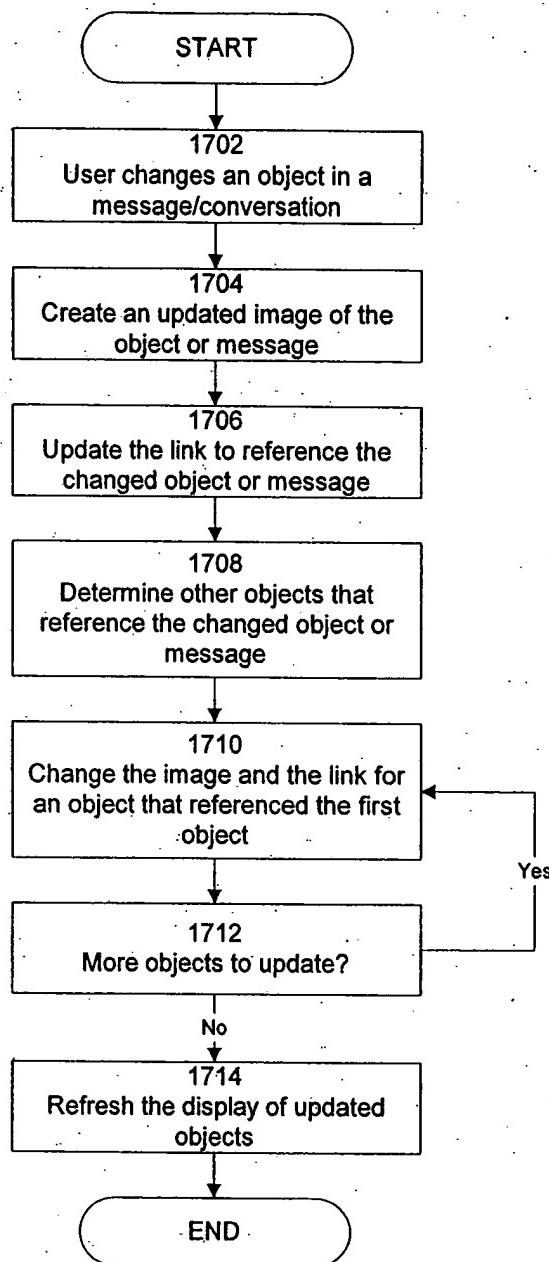


Figure 17

General method for automatic updating of Thumbnail image